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ATTORNEY DOCKET NO.  
069116.0228

PATENT APPLICATION  
09/540,955

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: George H. BuAbbud et al.  
Serial No.: 09/540,955  
Filing Date: March 31, 2000  
Examiner: Shi K. Li  
Art Unit: 2633  
Title: BIDIRECTIONAL FREQUENCY SHIFT CODING  
USING TWO DIFFERENT CODES FOR  
UPSTREAM AND DOWNSTREAM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

REVOCATION OF ATTORNEY AND APPOINTMENT OF NEW ATTORNEYS WITH  
CERTIFICATE UNDER 37 C.F.R. 3.73(b)

Tellabs Bedford, Inc., a Delaware corporation, hereby certifies that it is a 100% owner in the above-identified Application as evidenced by an assignment of the above-identified Application by the inventors to Marconi Communications, recorded on March 31, 2000 and shown in the Assignment Records of the United States Patent and Trademark Office at Reel 010733, Frame 0258-0260 and by an Assignment document from Marconi Communications, Inc. to Marconi Intellectual Property (Ringfence) Inc., recorded on November 5, 2003 and shown in the Assignment Records of the United States Patent and Trademark Office at Reel 014646, Frame 0607-0610 and by an Assignment document from Marconi Intellectual Property (Ringfence), Inc. to Advanced Fibre Access Corporation, recorded on April 21, 2004 and shown in the

DAL01:859152.1

Assignment Records of the United States Patent and Trademark Office at Reel 014532, Frame 0723-0730 and by a Change of Name document changing the name of Advanced Fibre Access Corporation to Tellabs Bedford, Inc., recorded on July 15, 2005 and shown in the Assignment Records of the United States Patent and Trademark Office at Reel 016269, Frames 0577-0579.

I, James M. Sheehan, Executive Vice President, General Counsel and Secretary of Tellabs Bedford, Inc., a Delaware corporation, am empowered to sign this submission on behalf of the assignee.

I hereby revoke all prior powers of attorney in the present Application and appoint the following as principal attorneys with full power to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

I hereby appoint:

Practitioners at Customer Number 50627

my attorneys with full power of substitution and revocation to prosecute this application, to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

Send Correspondence To:

Charles S. Fish

Customer Number 50627

Attorney Docket No. 069116.0228

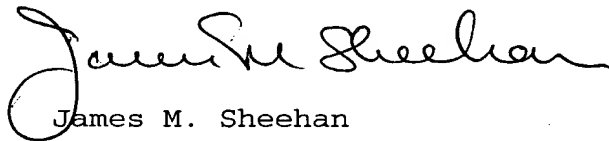
Direct Telephone Calls To:

Charles S. Fish

at 214.953.6507

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true. I further declare that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18, of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Tellabs Bedford, Inc.

A handwritten signature in cursive script, reading "James M. Sheehan".

James M. Sheehan

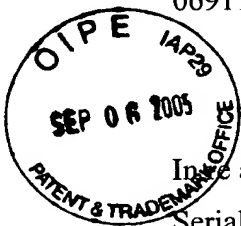
Executive Vice President,

General Counsel and Secretary

Date: August 29, 2005

ATTORNEYS DOCKET  
069116.0228

PATENT APPLICATION  
09/540,995



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AND DOWNSTREAM

Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Revocation of Attorney and Appointment of New Attorneys with Certificate under 37 C.F.R. 3.73(b) (3 pages), Baker Botts return postcard (1 postcard), and this Certificate of Mailing (1 page) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 6th day of September 2005 and is addressed to the Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450.

*Willie Jiles*  
\_\_\_\_\_  
Willie Jiles

Express Mail Receipt  
No. EV 323317996 US